

HBO 2001 W/CIEL



Product features and benefits

- High spectral intensity with peak irradiance at 365nm wavelength, making it ideal for microlithography
- Ceramic housings designed specifically for high temperature halogen and metal halide applications for optimal exposure and throughput
- Designed for long lasting performance
- Qualified with Canon

Areas of application

- Semiconductor

Technical data

General product information

| | |
|-----------------------|--|
| Product Number | 69166 |
| Product Name | HBO2001WCIEL 26V 4/CS 1/SKU |
| Ordering Abbreviation | HBO 2001 W/CIEL |
| Brand Name | OSRAM |
| General Description | 2,000 watt, mercury short arc, double-ended lamp for semiconductor applications in Canon FPA-3000 i4,i5, i5+, iW, MR stepper(s) |
| Application | Semiconductor |
| Product Remark | <ul style="list-style-type: none">- Lamp also available as version HBO 2001 W/CI with 850hr life (Product number 69219)- Anode Base with cable connection (M 8).- Lamp also available as version HBO 2001 W/CIL with 1500hr life (product number 69189)- Cathode Base with cable connection (M 6).- Anode Base with cable connection (M 10). |

Electrical data

| | |
|-----------------|--------|
| Nominal Wattage | 2000 W |
| Nominal Voltage | 26 V |
| Current (A) | 77 A |
| Type of Current | DC |

Light technical data

| | |
|---------------------------------------|-----------|
| Radiant intensity 365 ± 2.5nm (mW/sr) | 6,000 |
| Light Center Length - LCL (mm) | 148.75 mm |
| Average Rated Life | 2250 h |

Physical attributes

| | |
|-----------------------------|---------------|
| Base Anode | SF33.5/50 |
| Base Cathode | SFa33.5-10/50 |
| Bulb Shape | T62 |
| Maximum Overall Length (mm) | 329 mm |
| Length l1 (mm) | 329 mm |
| Length l1 max. (mm) | 329 mm |
| Length l2 (mm) | 309 mm |
| Length l2 max. (mm) | 309 mm |
| Diameter d (in) | 2.441 in |

Product datasheet

| | |
|---------------------------|-----------|
| Diameter d (mm) | 62.00 mm |
| Distance a (mm) | 148.75 mm |
| Electrode Gap - cold (mm) | 4 mm |
| Reflector Coating | 62.00 |

Additional product data

| | |
|-------------------------------|--------------------|
| Operating Position | Vertical, anode up |
| Maximum Base Temperature (°C) | 200 C |
| Cooling | Forced Base |
| Class | C (gas) |
| Method of Operation | DOUBLE ENDED |

Packaging Information

| Product number | EAN/UPC | Packaging | Quantity | Outside dimensions l x w x h | Gross weight |
|----------------|---------------|---------------------|----------|------------------------------|--------------|
| 69166 | 4050300972121 | Folding box (SKU) | 1 | 23.8 in x 9.1 in x 12.6 in | 6.9 lb |
| 69166 | 4050300732558 | Folding box | 4 | 30.1 in x 29.9 in x 22.4 in | 25.4 lb |
| 69166 | 4050300627670 | Shipping box (Case) | 4 | 31.5 in x 37.8 in x 24 in | 54.9 lb |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

OSRAM does not accept liability for errors, changes and omissions.